

# ACT Profile Report - State

Graduating Class 2012  
Washington



ACT, INC. -- CONFIDENTIAL



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This report provides information about the performance of your 2012 graduating seniors who took the ACT as sophomores, juniors, or seniors; and self-reported at the time of testing that they were scheduled to graduate in 2012 and tested under standard time conditions.

This report focuses on:

**Performance** - student test performance in the context of college readiness

**Access** - number of your graduates exposed to college entrance testing and the percent of race/ethnicity participation

**Course Selection** - percent of students pursuing a core curriculum

**Course Rigor** - impact of rigorous coursework on achievement

**College Readiness** - percent of students meeting ACT College Readiness Benchmark Scores in each content area

**Awareness** - extent to which student aspirations match performance

**Articulation** - colleges and universities to which your students send test results

Each year, test data for a school, district, and the state represents a different cohort of students. ACT encourages educators to focus on trends (3, 5, 10 years), not year-to-year changes. Such changes can represent normal – even expected – fluctuations. On the other hand, trend lines offer more insight into what is happening in a school, district, or the state.

Furthermore, ACT encourages educators to measure student performance in the context of college readiness measures. The focus should be on the number and percentage of students meeting or exceeding ACT's College Readiness Benchmark Scores, a measure that is much more meaningful and understandable than an average composite score for a group of students.

**The ACT is a curriculum-based measure of college readiness. ACT components include:**

- Tests of academic achievement in English, math, reading, science, and writing (optional)
- High school grade and course information
- Student Profile Section
- Career Interest Inventory

**The ACT:**

Every few years, ACT conducts the **ACT National Curriculum Survey** to ensure its curriculum-based assessment tools accurately measure the skills high school teachers teach and instructors of entry-level college courses expect. The ACT is the only college readiness test designed to reflect the results of such a survey.

ACT's **College Readiness Standards** are sets of statements intended to help students, parents and educators understand the meaning of test scores. The standards relate test scores to the types of skills needed for success in high school and beyond. They serve as a direct link between what students have learned and what they are ready to do next. The ACT is the only college readiness test for which scores can be tied directly to standards. *Connecting College Readiness Standards to the Classroom* interpretive guides can be found at [www.act.org/standard/infoserv.html](http://www.act.org/standard/infoserv.html).

Only the ACT reports **College Readiness Benchmark Scores** – A benchmark score is the minimum score needed on an ACT subject-area test to indicate a 50% chance of obtaining a B or higher or about a 75% chance of obtaining a C or higher in the corresponding credit-bearing college courses, which include English Composition, Algebra, Social Science and Biology. These scores were empirically derived based on the actual performance of students in college. The College Readiness Benchmark Scores are:

College Course/Course Area	ACT Test	Benchmark Score
English Composition	English	18
Algebra	Mathematics	22
Social Sciences	Reading	21
Biology	Science	24

For more information, go to [www.act.org](http://www.act.org)

## How to Improve Scores and Increase College Readiness

38% of your students met all four ACT College Readiness Benchmark Scores (Table 1.1). To improve students' scores and increase the percentage of students identified as college ready, ACT suggests:

**PROVIDING ACCESS FOR ALL STUDENTS TO TAKE THE ACT:** 13,929 of your students are included in this report (the 'cohort'). Increasing access insures that more students have the opportunity to consider college and allows the reader to use this report to evaluate how well courses and instructional programs are preparing students for college and work.

**MAKING CORE CURRICULUM A PRIORITY:** Emphasize the need for all students to develop college and work ready skills, regardless of postsecondary aspirations. 73% of the students in the cohort reported taking courses that would be considered 'Core or More' (Table 1.4).

**MAKING SURE STUDENTS ARE TAKING THE RIGHT KINDS OF COURSES:** Table 3.2 reports 4% of the cohort took less than three years of math courses. Of these students, 17% were college ready. 7% of the cohort reported taking a course sequence of Algebra I, Algebra II, and Geometry. 17% of these students were college ready. In comparison, 68% of the students who took 3 or more years of math beyond Algebra I, Algebra II, and Geometry were college ready. Getting more students ready for Algebra prior to 9th grade will increase the chances that students will be prepared for and take advanced-level math courses.

Similarly, Table 3.2 reports 12% of the cohort took less than three years of natural science courses. 20% of these students were college ready. In comparison, 47% of students who took at least three years of science coursework were college ready.

**EVALUATING RIGOR OF COURSES:** Table 2.6 reports the percentage of students falling in each of the ACT College Readiness Standards score ranges. For example, approximately 30% of the cohort fall into the lowest three Mathematics score ranges. To increase these students' achievement, identify the standards they should focus on next by accessing ACT's College Readiness Standards at [www.act.org/standard](http://www.act.org/standard).

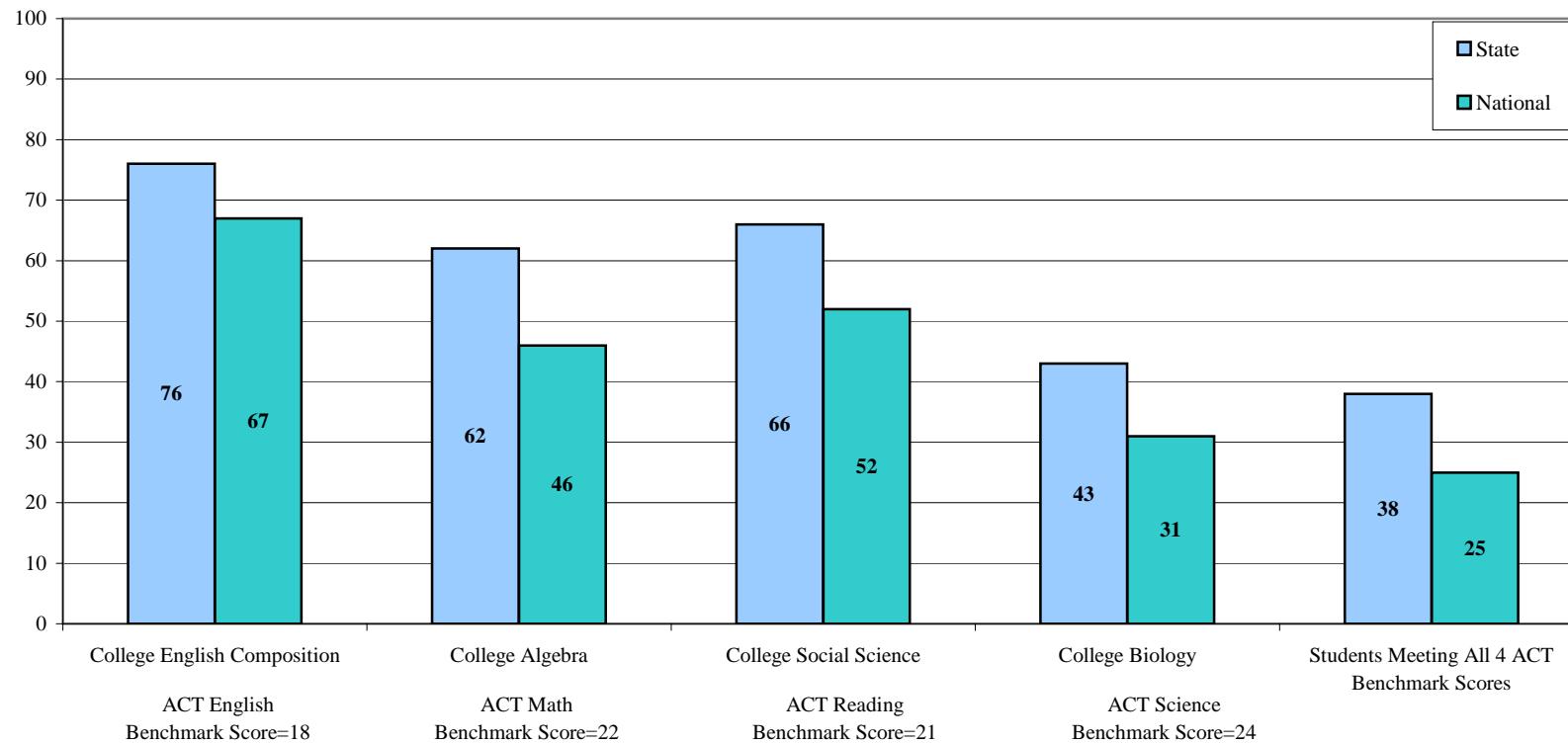
**PLAN GUIDANCE ACTIVITIES BASED ON STUDENTS' CAREER AND COLLEGE ASPIRATIONS:** Data in Tables 4.1 and 4.2 enable the reader to determine if aspirations are consistent with academic performance and whether among students with similar aspirations, academic performance is consistent across racial/ethnic groups.

For more information on interpreting data in this report, or to learn how ACT can help your students improve their readiness for college and the workplace, contact your regional office at 916-631-9200.

# Section I

## Executive Summary

Tables within this section have been changed to reflect the updated United States Department of Education race/ethnicity reporting requirements. The race/ethnicity categories shown are the derived Federal reporting categories. Not all values convert from old race/ethnicity categories into new race/ethnicity categories. Therefore, trend data may not be present where direct conversions are not available.

**Figure 1.1. Percent of Your Students Ready for College-Level Coursework**

A benchmark score is the minimum score needed on an ACT subject-area test to indicate a 50% chance of obtaining a B or higher or about a 75% chance of obtaining a C or higher in the corresponding credit-bearing college course.

**Table 1.1. Five Year Trends—Percent of Students Meeting College Readiness Benchmarks**

Year	Number of Students Tested		Percent Meeting Benchmarks									
	State National		English State National		Mathematics State National		Reading State National		Science State National		Meeting All Four State National	
2008	11,951	1,421,941	81	68	61	43	68	53	40	28	34	22
2009	12,285	1,480,469	77	67	58	42	66	53	38	28	33	23
2010	12,897	1,568,835	79	66	61	43	67	52	41	29	36	24
2011	13,677	1,623,112	76	66	60	45	64	52	40	30	35	25
<b>2012</b>	<b>13,929</b>	<b>1,666,017</b>	<b>76</b>	<b>67</b>	<b>62</b>	<b>46</b>	<b>66</b>	<b>52</b>	<b>43</b>	<b>31</b>	<b>38</b>	<b>25</b>

**Table 1.2. Five Year Trends—Average ACT Scores**

Year	Number of Students Tested		Average ACT Scores									
	State National		English State National		Mathematics State National		Reading State National		Science State National		Composite State National	
2008	11,951	1,421,941	22.7	20.6	23.2	21.0	23.7	21.4	22.4	20.8	23.1	21.1
2009	12,285	1,480,469	22.4	20.6	22.9	21.0	23.5	21.4	22.1	20.9	22.8	21.1
2010	12,897	1,568,835	22.6	20.5	23.1	21.0	23.5	21.3	22.5	20.9	23.0	21.0
2011	13,677	1,623,112	22.3	20.6	22.9	21.1	23.1	21.3	22.3	20.9	22.8	21.1
<b>2012</b>	<b>13,929</b>	<b>1,666,017</b>	<b>22.3</b>	<b>20.5</b>	<b>23.1</b>	<b>21.1</b>	<b>23.3</b>	<b>21.3</b>	<b>22.4</b>	<b>20.9</b>	<b>22.9</b>	<b>21.1</b>

**Table 1.3. Five Year Trends—Average ACT Scores Nationwide**

Year	Number of Students Tested		Average ACT Scores							
	English		Mathematics		Reading		Science		Composite	
2008	1,421,941	20.6	21.0	21.4	20.8	21.1				
2009	1,480,469	20.6	21.0	21.4	20.9	21.1				
2010	1,568,835	20.5	21.0	21.3	20.9	21.0				
2011	1,623,112	20.6	21.1	21.3	20.9	21.1				
<b>2012</b>	<b>1,666,017</b>	<b>20.5</b>	<b>21.1</b>	<b>21.3</b>	<b>20.9</b>	<b>21.1</b>				

**Table 1.4. Five Year Trends—Average ACT Scores by Level of Preparation**

Year	Number of Students Tested		Percent <sup>2</sup>		English		Mathematics		Reading		Science		Composite	
	Core or More <sup>1</sup>	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core	Core or More	Less than Core
2008	7,027	3,850	59	32	23.4	21.5	23.8	22.0	24.3	22.7	22.9	21.5	23.7	22.1
2009	8,592	3,238	70	26	23.3	20.7	23.8	21.3	24.3	22.0	22.9	20.8	23.7	21.3
2010	9,480	3,243	74	25	23.3	20.7	23.7	21.5	24.2	21.9	23.1	21.1	23.7	21.4
2011	9,864	3,584	72	26	23.3	20.2	23.7	21.0	23.9	21.3	23.0	20.5	23.6	20.9
<b>2012</b>	<b>10,110</b>	<b>3,593</b>	<b>73</b>	<b>26</b>	<b>23.2</b>	<b>20.2</b>	<b>23.8</b>	<b>21.3</b>	<b>24.1</b>	<b>21.5</b>	<b>23.1</b>	<b>20.8</b>	<b>23.7</b>	<b>21.1</b>

<sup>1</sup>"Core or More" results correspond to students taking four or more years of English AND three or more years each of math, social studies, and natural science.

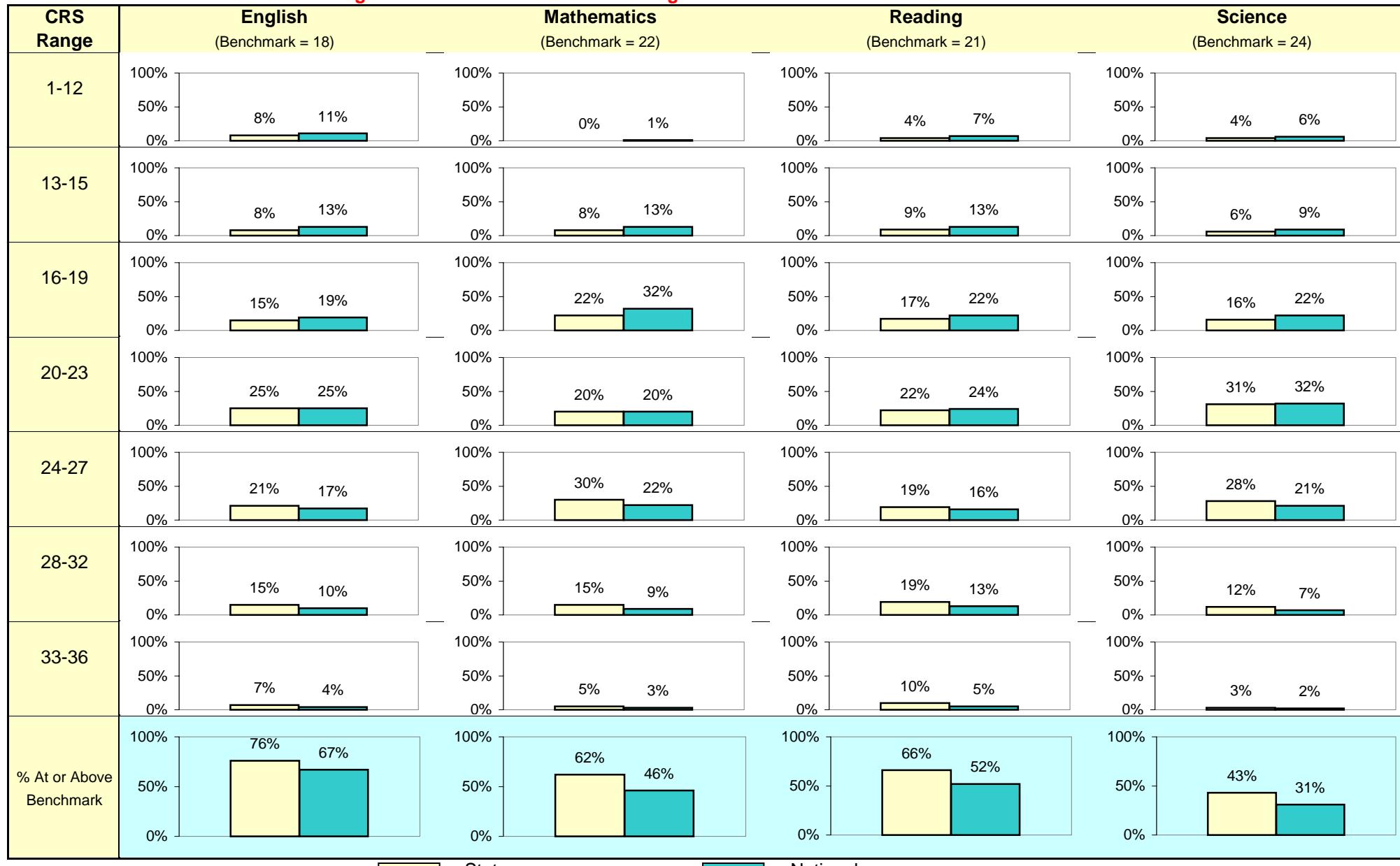
<sup>2</sup>Percent of all students tested. Numbers will not add up to 100% due to student non-response.

**Table 1.5. Five Year Trends—Percent and Average Composite Score by Race/Ethnicity<sup>1</sup>**

	2008			2009			2010			2011			2012		
	N	%	Avg												
All Students	11,951	100	23.1	12,285	100	22.8	12,897	100	23.0	13,677	100	22.8	13,929	100	22.9
Black/African American	456	4	17.9	528	4	17.5	517	4	18.1	590	4	17.8	551	4	17.6
American Indian/Alaska Native	106	1	20.2	138	1	19.6	145	1	20.5	129	1	18.8	75	1	19.8
White	7,464	62	23.6	7,957	65	23.6	8,371	65	23.8	8,511	62	23.8	8,305	60	24.0
Hispanic/Latino	672	6	18.9	851	7	18.4	972	8	18.7	1,463	11	18.5	1,737	12	18.8
Asian	1,153	10	23.3	1,337	11	23.2	1,462	11	23.3	1,335	10	23.5	1,412	10	23.5
Native Hawaiian/Other Pacific Islander	0	0	.	0	0	.	0	0	.	76	1	18.5	101	1	18.3
Two or more races	443	4	23.0	516	4	22.8	565	4	23.6	739	5	22.7	922	7	23.0
Prefer not to respond/No response	1,657	14	24.2	958	8	23.4	865	7	22.9	834	6	23.3	826	6	23.9

<sup>1</sup>Refer to the section header on page 5 for a description of race/ethnicity changes.

Table 1.6. Percent of Students in College Readiness Standards Score Ranges



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# Section II

# Academic Achievement

Tables within this section have been changed to reflect the updated United States Department of Education race/ethnicity reporting requirements. The race/ethnicity categories shown are the derived Federal reporting categories. Not all values convert from old race/ethnicity categories into new race/ethnicity categories. Therefore, trend data may not be present where direct conversions are not available.

Table 2.1. ACT Score Distributions, Cumulative Percentages (CP<sup>1</sup>), and Score Averages

ACT Scale Score	English		Mathematics		Reading		Science		Composite		ACT Scale Score
	N	CP	N	CP	N	CP	N	CP	N	CP	
36	68	100	80	100	199	100	95	100	13	100	36
35	295	100	144	99	276	99	120	99	73	100	35
34	325	97	227	98	347	97	96	98	147	99	34
33	320	95	282	97	507	94	131	98	223	98	33
32	337	93	255	95	446	90	229	97	325	97	32
31	391	90	247	93	629	87	283	95	414	94	31
30	445	88	364	91	504	83	340	93	478	91	30
29	411	84	485	89	538	79	304	91	573	88	29
28	535	81	745	85	559	75	448	89	710	84	28
27	617	78	880	80	603	71	805	85	754	79	27
26	662	73	1,159	73	570	67	652	80	950	73	26
25	677	68	975	65	569	63	1,120	75	930	67	25
24	991	64	1,161	58	854	59	1,350	67	914	60	24
23	823	56	940	50	773	53	1,116	57	957	53	23
22	838	50	721	43	804	47	1,120	49	961	46	22
21	1,004	44	403	38	956	41	1,070	41	896	40	21
20	813	37	685	35	597	34	1,019	33	807	33	20
19	558	31	644	30	677	30	697	26	740	27	19
18	505	27	701	25	764	25	714	21	673	22	18
17	490	24	770	20	535	20	456	16	544	17	17
16	498	20	948	15	408	16	388	13	455	13	16
15	507	17	680	8	494	13	298	10	413	10	15
14	430	13	252	3	404	9	274	8	343	7	14
13	245	10	123	1	330	7	279	6	282	5	13
12	230	8	33	1	275	4	161	4	203	3	12
11	241	7	16	1	146	2	134	3	107	1	11
10	262	5	6	1	75	1	121	2	21	1	10
9	164	3	1	1	42	1	51	1	16	1	9
8	133	2	1	1	19	1	23	1	4	1	8
7	69	1	0	1	13	1	21	1	3	1	7
6	22	1	1	1	7	1	7	1	0	1	6
5	17	1	0	1	6	1	3	1	0	1	5
4	5	1	0	1	1	1	4	1	0	1	4
3	1	1	0	1	1	1	0	1	0	1	3
2	0	1	0	1	1	1	0	1	0	1	2
1	0	1	0	1	0	1	0	1	0	1	1
Avg (SD)	22.3 (6.6)		23.1 (5.4)		23.3 (6.5)		22.4 (5.3)		22.9 (5.4)		Avg (SD)

<sup>1</sup>CP is the cumulative percent of students at or below a score point.

Note: Shaded portions of columns identify the students who met/exceeded the ACT College Readiness Benchmark Scores.

**Table 2.2. ACT Subscore Distributions, Cumulative Percentages (CP<sup>1</sup>), and Subtest Score Averages**

ACT Scale Score	English				Reading				Mathematics				ACT Scale Score		
	Usage/ Mechanics		Rhetorical Skills		Social Studies/ Sciences		Arts/ Literature		Pre/Elementary Algebra		Algebra/ Coordinate Geometry		Plane Geometry/ Trigonometry		
	N	CP	N	CP	N	CP	N	CP	N	CP	N	CP	N	CP	
18	845	100	255	100	660	100	938	100	983	100	225	100	294	100	18
17	893	94	331	98	1,009	95	1,145	93	1,028	93	158	98	76	98	17
16	1,027	88	1,273	96	1,139	88	1,166	85	673	86	688	97	874	97	16
15	670	80	1,109	87	906	80	980	77	1,166	81	878	92	1,274	91	15
14	1,183	75	1,379	79	1,110	73	1,235	70	1,273	72	1,814	86	1,608	82	14
13	677	67	1,351	69	1,256	65	1,217	61	1,592	63	2,195	73	1,661	70	13
12	1,190	62	1,571	59	1,401	56	1,160	52	1,370	52	1,423	57	1,889	58	12
11	1,415	53	1,577	48	1,081	46	1,114	44	1,329	42	1,604	47	1,543	45	11
10	1,435	43	1,082	36	1,138	39	1,036	36	1,023	32	1,690	35	1,488	34	10
9	1,046	33	1,310	29	1,183	30	959	28	778	25	1,245	23	1,077	23	9
8	925	25	762	19	905	22	1,028	21	1,068	19	938	14	785	15	8
7	753	19	616	14	1,128	15	598	14	965	12	412	8	586	10	7
6	642	13	419	9	452	7	646	10	394	5	258	5	394	6	6
5	471	9	375	6	257	4	424	5	161	2	202	3	58	3	5
4	334	5	333	4	160	2	151	2	87	1	59	1	206	2	4
3	273	3	132	1	92	1	105	1	26	1	88	1	9	1	3
2	134	1	45	1	32	1	26	1	13	1	7	1	85	1	2
1	16	1	9	1	20	1	1	1	0	1	45	1	22	1	1
Avg (SD)	11.3 (4.1)		11.5 (3.5)		11.7 (3.7)		12.0 (3.8)		12.1 (3.5)		11.6 (2.9)		11.6 (3.1)		Avg (SD)

<sup>1</sup>CP is the cumulative percent of students at or below a score point.

**Table 2.3. ACT Score Quartile Values**

Quartile	English	Mathematics	Reading	Science	Composite
Q3 (75th Percentile)	27	27	28	26	27
Q2 (50th Percentile)	22	24	23	23	23
Q1 (25th Percentile)	18	18	18	19	19

**Table 2.4. Average ACT Composite Scores for Race/Ethnicity<sup>1</sup> by Level of Preparation**

Student Group	Race/Ethnicity	Number of Students Tested	Percent Taking Core or More <sup>2</sup>	Average ACT Composite Score	
				Core or More	Less Than Core
State	All Students	13,929	73	23.7	21.1
	Black/African American	551	68	18.1	16.5
	American Indian/Alaska Native	75	59	21.5	17.1
	White	8,305	75	24.6	22.6
	Hispanic/Latino	1,737	59	20.2	17.0
	Asian	1,412	77	24.0	22.2
	Native Hawaiian/Other Pac. Isl.	101	70	19.5	15.5
	Two or more races	922	76	23.5	21.6
	Prefer not/No Response	826	76	24.3	22.7
National	All Students	1,666,017	76	21.8	19.1
	Black/African American	222,237	72	17.5	15.9
	American Indian/Alaska Native	13,523	66	19.3	16.9
	White	983,148	77	23.0	20.3
	Hispanic/Latino	234,456	73	19.5	17.4
	Asian	68,080	81	24.1	21.8
	Native Hawaiian/Other Pac. Isl.	4,545	74	20.4	18.3
	Two or more races	55,500	76	22.0	19.6
	Prefer not/No Response	84,528	68	22.5	19.2

<sup>1</sup>Refer to the section header on page 11 for a description of race/ethnicity changes.<sup>2</sup>"Core or More" results correspond to students taking four or more years of English AND three or more years each of math, social studies, and natural science.**Table 2.5. Average ACT Scores by Race/Ethnicity<sup>1</sup>**

Student Group	Race/Ethnicity	English	Mathematics	Reading	Science	Composite
State	All Students	22.3	23.1	23.3	22.4	22.9
	Black/African American	16.4	18.1	17.7	17.6	17.6
	American Indian/Alaska Native	18.6	20.5	20.4	19.1	19.8
	White	23.7	23.9	24.6	23.4	24.0
	Hispanic/Latino	17.4	19.4	19.2	18.9	18.8
	Asian	22.5	25.1	22.9	23.0	23.5
	Native Hawaiian/Other Pac. Isl.	16.9	18.8	18.2	18.7	18.3
	Two or more races	22.5	22.9	23.5	22.6	23.0
	Prefer not/No Response	23.7	23.7	24.6	23.1	23.9
National	All Students	20.5	21.1	21.3	20.9	21.1
	Black/African American	16.0	17.3	17.2	17.2	17.0
	American Indian/Alaska Native	17.1	18.5	18.7	18.7	18.4
	White	22.1	22.1	22.7	22.1	22.4
	Hispanic/Latino	17.7	19.4	19.0	18.9	18.9
	Asian	22.7	25.2	22.9	23.2	23.6
	Native Hawaiian/Other Pac. Isl.	18.9	20.4	19.8	19.7	19.8
	Two or more races	21.0	21.1	21.8	21.2	21.4
	Prefer not/No Response	20.7	21.3	21.5	20.9	21.3

<sup>1</sup>Refer to the section header on page 11 for a description of race/ethnicity changes.

**Table 2.6. Percent of Students in College Readiness Standards (CRS) Score Ranges**

Student Group	CRS Range	English		Mathematics		Reading		Science	
		N	%	N	%	N	%	N	%
State	33 to 36	1,008	7	733	5	1,329	10	442	3
	28 to 32	2,119	15	2,096	15	2,676	19	1,604	12
	24 to 27	2,947	21	4,175	30	2,596	19	3,927	28
	20 to 23	3,478	25	2,749	20	3,130	22	4,325	31
	16 to 19	2,051	15	3,063	22	2,384	17	2,255	16
	13 to 15	1,182	8	1,055	8	1,228	9	851	6
	01 to 12	1,144	8	58	0	586	4	525	4
National	33 to 36	74,039	4	50,719	3	81,737	5	30,082	2
	28 to 32	167,405	10	149,540	9	223,134	13	123,485	7
	24 to 27	291,143	17	369,818	22	262,453	16	355,144	21
	20 to 23	414,094	25	332,787	20	399,794	24	532,341	32
	16 to 19	318,585	19	538,042	32	366,975	22	373,233	22
	13 to 15	210,405	13	216,778	13	220,083	13	158,083	9
	01 to 12	190,346	11	8,333	1	111,841	7	93,649	6

**Table 2.7. Average ACT Scores by Gender**

Student Group	Gender	N	Percent	Average ACT Scores				
				English	Mathematics	Reading	Science	Composite
State	Males	6,092	44	22.1	24.1	23.4	23.3	23.3
	Females	7,837	56	22.5	22.3	23.3	21.8	22.6
	Missing	0	0	.	.	.	.	.
National	Males	761,554	46	20.2	21.7	21.2	21.4	21.2
	Females	900,625	54	20.9	20.6	21.4	20.5	21.0
	Missing	3,838	0	16.1	17.8	17.6	17.8	17.5

**Table 2.8. Percent of Students Meeting College Readiness Benchmark Scores by Gender**

Student Group	Gender	Percent of Students					Meet All Four
		English	Mathematics	Reading	Science	All Four	
State	Males	75	69	66	50	44	
	Females	77	57	65	37	33	
National	Males	64	50	51	35	29	
	Females	69	42	53	27	22	

**Table 2.9. College Readiness Benchmark (CRB) Percent and Average ACT Scores by Overall High School Curriculum**

Student Group	Curriculum Taken <sup>1</sup>	N	English		Mathematics		Reading		Science		Composite	
			CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB %	Avg	CRB % <sup>4</sup>	Avg
State	Core or More <sup>2</sup>	10,110	82	23.2	68	23.8	71	24.1	48	23.1	42	23.7
	Less than Core	3,593	63	20.2	47	21.3	53	21.5	31	20.8	27	21.1
	Missing <sup>3</sup>	226	40	16.5	35	19.1	31	18.2	17	18.0	14	18.1
National	Core or More	1,259,744	72	21.3	51	21.8	57	22.0	35	21.6	29	21.8
	Less than Core	355,849	51	18.3	29	19.1	38	19.4	19	19.1	14	19.1
	Missing	50,424	38	16.2	22	18.1	27	17.6	14	17.8	10	17.6

<sup>1</sup> "Curriculum Taken" reflects overall high school curriculum in this table.<sup>2</sup> "Core or More" results correspond to students taking four or more years of English AND three or more years each of math, social studies, and natural science.<sup>3</sup> Zero years or no coursework information reported in one or more content areas.<sup>4</sup> Composite CRB% results reflect students who meet all four subject-area benchmarks.**Table 2.10. College Readiness Benchmark (CRB) Percent and Average ACT Scores by Content-Specific Curriculum**

Student Group	Curriculum Taken <sup>1</sup>	N	English		Mathematics			Reading			Science			
			N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg	N	CRB %	Avg
State	Core or More <sup>2</sup>	13,453	77	22.5	13,166	65	23.4	11,603	68	23.6	12,029	47	23.0	
	Less than Core	282	54	18.9	549	17	17.6	2,122	56	22.1	1,687	20	19.0	
	Missing <sup>3</sup>	194	43	17.0	214	36	19.1	204	34	18.7	213	18	18.3	
National	Core or More	1,558,562	68	20.8	1,550,768	48	21.4	1,471,658	54	21.6	1,425,217	33	21.4	
	Less than Core	64,748	41	16.5	69,741	8	16.6	149,266	40	19.7	194,661	13	18.4	
	Missing	42,707	40	16.5	45,508	22	18.2	45,093	29	17.8	46,139	14	17.9	

<sup>1</sup> "Curriculum Taken" reflects content-specific curriculum in this table.<sup>2</sup> "Core or More" results correspond to students taking four or more years of English or three or more years of math, social studies, or natural science, respectively.

For instance, Reading "Core or More" results correspond to students taking three or more years of social studies, regardless of courses taken in other content areas.

<sup>3</sup> Zero years or no coursework information reported in the specified content area.

# Section III

## College Readiness and the

## Impact of Course Rigor

Tables within this section have been changed to reflect the updated United States Department of Education race/ethnicity reporting requirements. The race/ethnicity categories shown are the derived Federal reporting categories. Not all values convert from old race/ethnicity categories into new race/ethnicity categories. Therefore, trend data may not be present where direct conversions are not available.

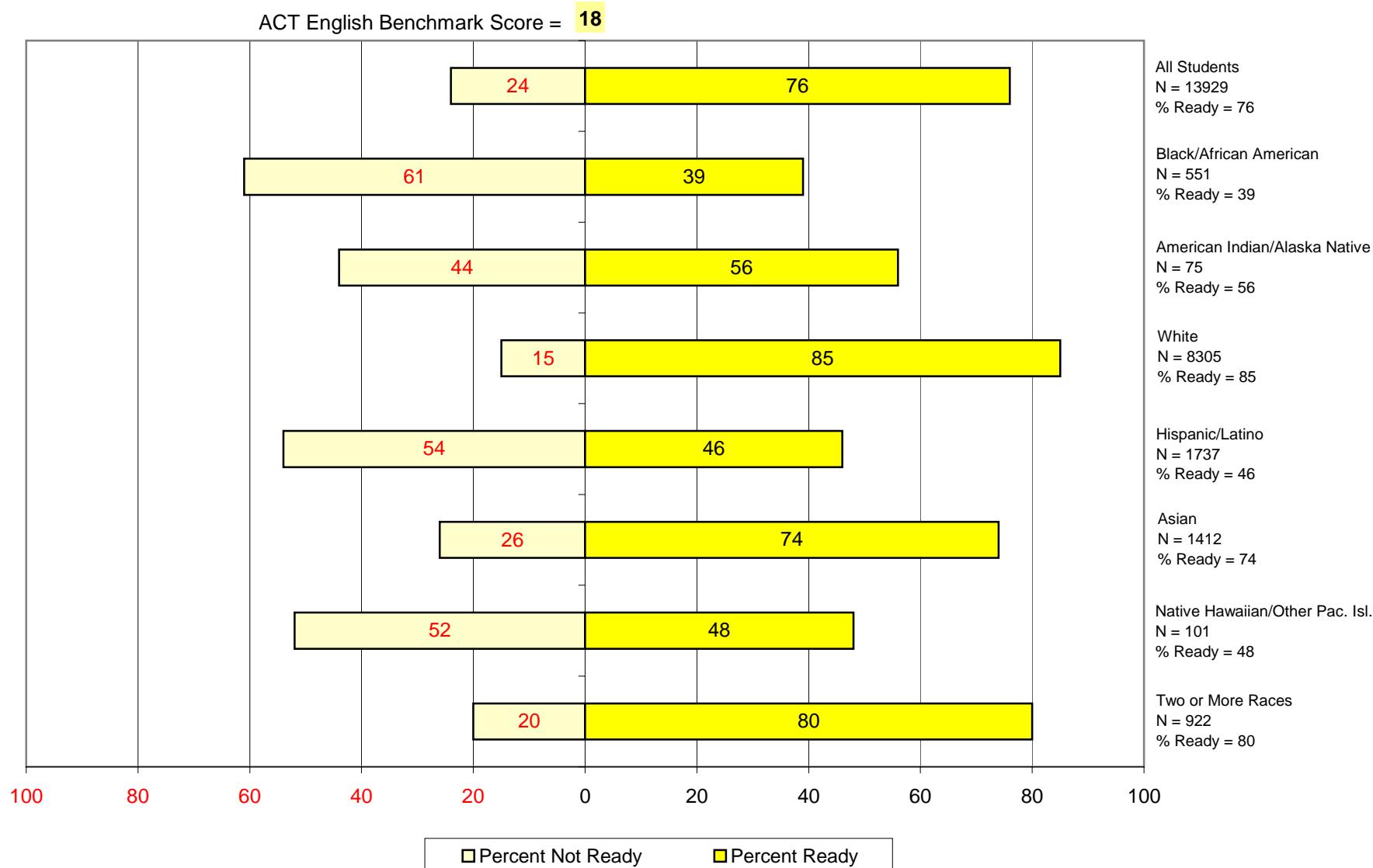
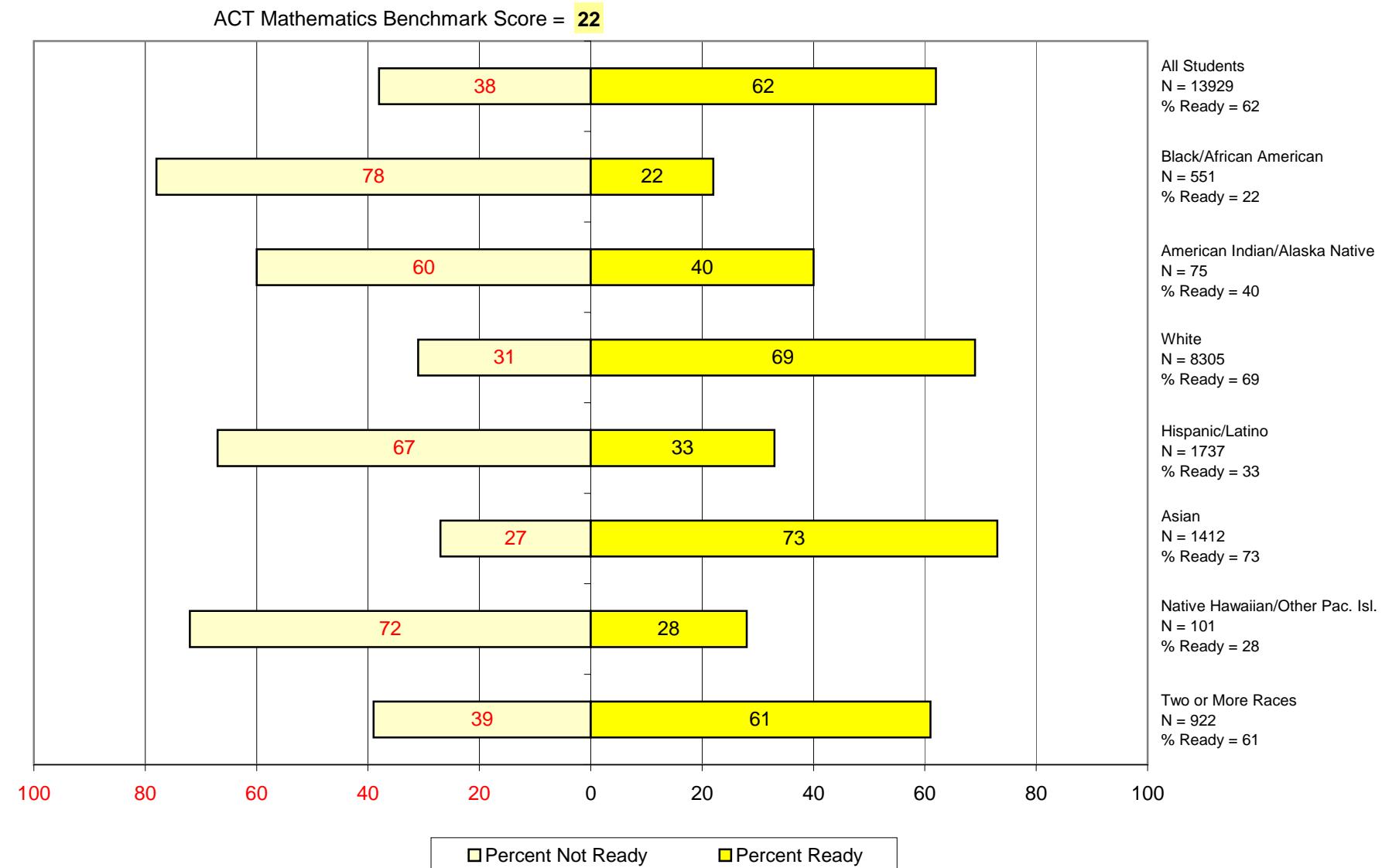
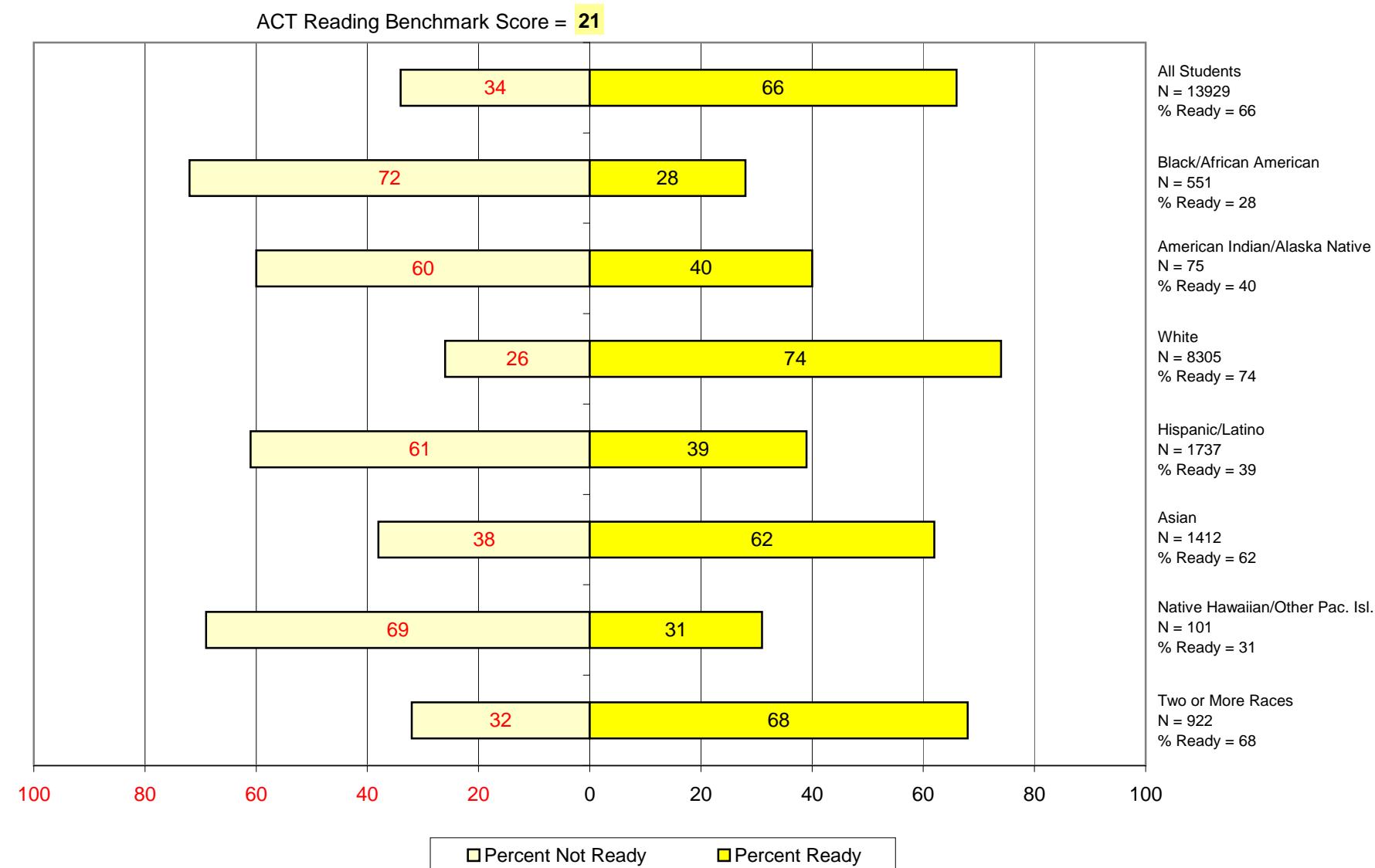
Figure 3.1. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity<sup>1</sup>: ENGLISH<sup>1</sup>Refer to the section header on page 17 for a description of race/ethnicity changes.

Figure 3.2. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity<sup>1</sup>: MATHEMATICS

<sup>1</sup>Refer to the section header on page 17 for a description of race/ethnicity changes.

Figure 3.3. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity<sup>1</sup>: READING

<sup>1</sup>Refer to the section header on page 17 for a description of race/ethnicity changes.

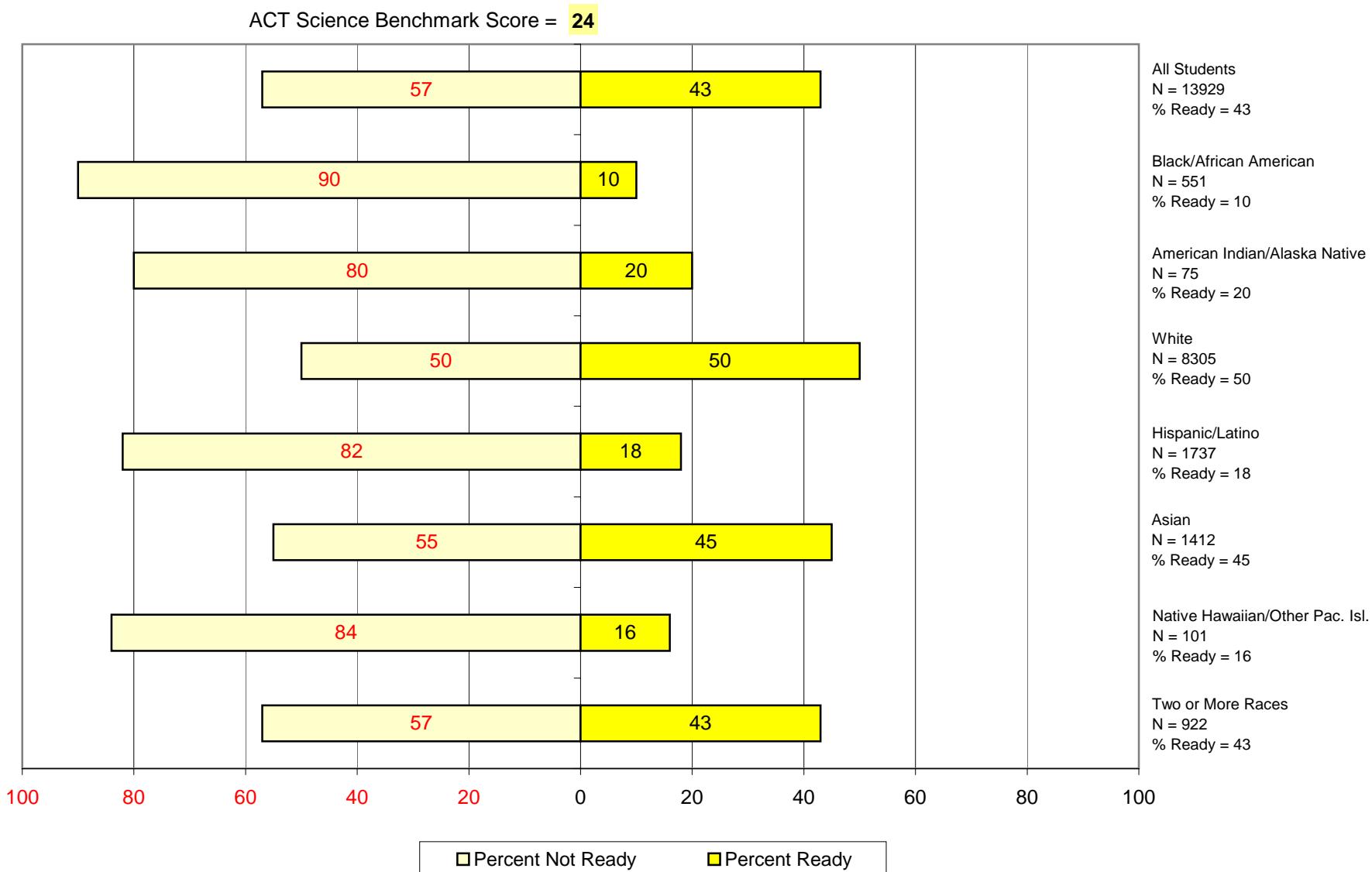
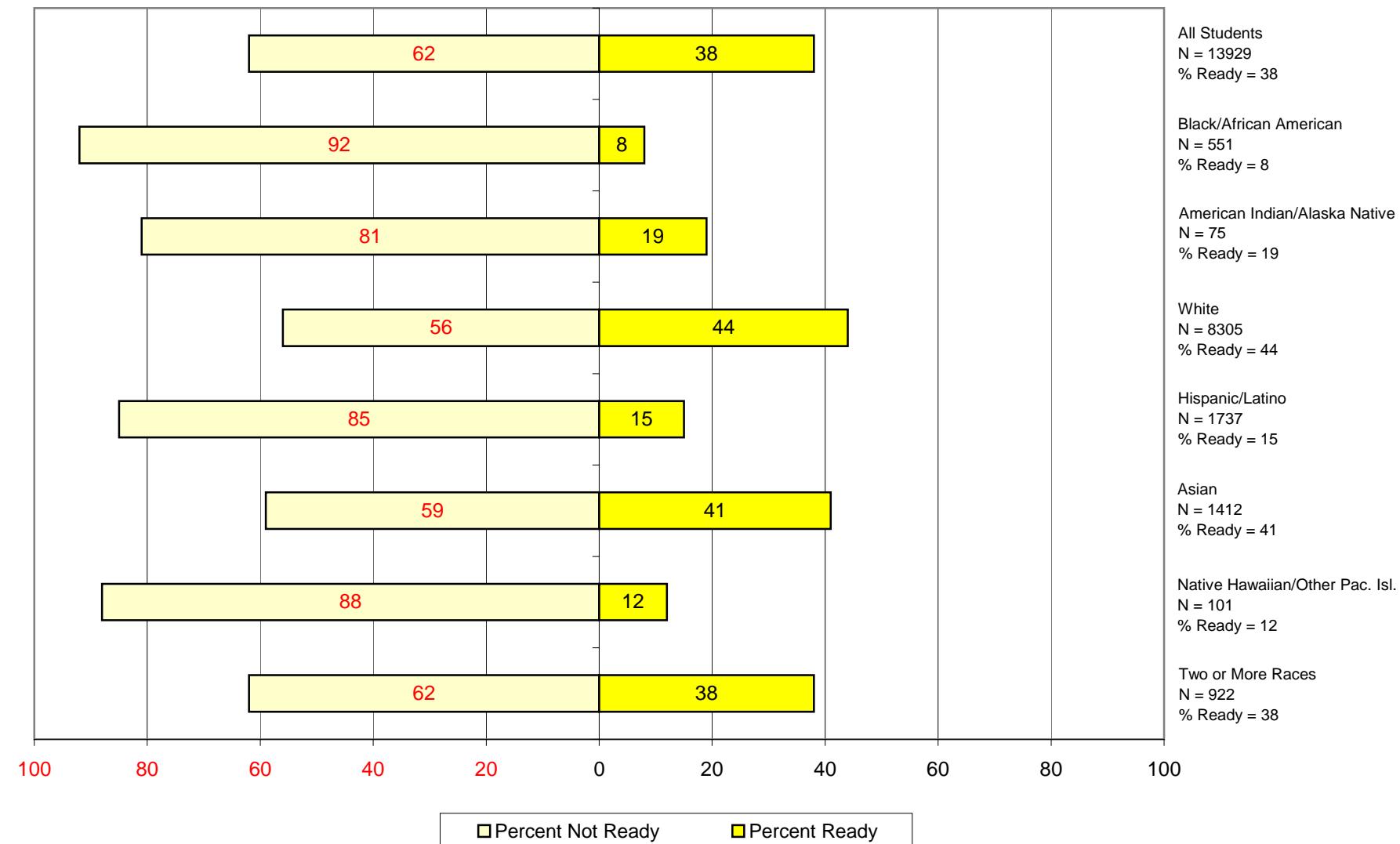
Figure 3.4. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity<sup>1</sup>: SCIENCE<sup>1</sup>Refer to the section header on page 17 for a description of race/ethnicity changes.

Figure 3.5. Percent of Students Meeting ACT College Readiness Benchmark Scores by Race/Ethnicity<sup>1</sup>: ALL FOUR<sup>1</sup>Refer to the section header on page 17 for a description of race/ethnicity changes.

**Table 3.1. Average ACT Scores and Average ACT Score Changes by Common Course Patterns**

Course Pattern	All Students					Males				Females			
	N	Percent	ACT English	Course Value Added <sup>1</sup>	N	Percent	ACT English	Course Value Added <sup>1</sup>	N	Percent	ACT English	Course Value Added <sup>1</sup>	
ENGLISH COURSE PATTERN													
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	3,436	25	22.4	3.5	1,415	23	22.2	2.5	2,021	26	22.6	4.3	
Eng 9, Eng 10, Eng 11, Eng 12	10,017	72	22.5	3.6	4,447	73	22.3	2.6	5,570	71	22.6	4.3	
Less than 4 years of English	282	2	18.9	-	128	2	19.7	-	154	2	18.3	-	
Zero years / no English courses reported	194	1	17.0	-	102	2	15.6	-	92	1	18.6	-	
MATHEMATICS COURSE PATTERN	N	Percent	ACT Math	Course Value Added <sup>1</sup>	N	Percent	ACT Math	Course Value Added <sup>1</sup>	N	Percent	ACT Math	Course Value Added <sup>1</sup>	
Alg 1, Alg 2, Geom, Trig, & Calc	1,372	10	25.4	7.8	615	10	26.4	8.5	757	10	24.7	7.4	
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	1,557	11	22.4	4.8	576	9	23.1	5.2	981	13	21.9	4.6	
Alg 1, Alg 2, Geom, & Trig	713	5	20.3	2.7	306	5	20.9	3.0	407	5	19.9	2.6	
Alg 1, Alg 2, Geom, & Other Adv Math	1,480	11	20.5	2.9	511	8	20.8	2.9	969	12	20.3	3.0	
Other comb of 4 or more years of Math	6,407	46	25.2	7.6	3,091	51	26.1	8.2	3,316	42	24.3	7.0	
Alg 1, Alg 2, & Geom	982	7	17.8	0.2	370	6	18.2	0.3	612	8	17.5	0.2	
Other comb of 3 or 3.5 years of Math	655	5	22.1	4.5	274	4	22.9	5.0	381	5	21.5	4.2	
Less than 3 years of Math	549	4	17.6	-	241	4	17.9	-	308	4	17.3	-	
Zero years / no Math courses reported	214	2	19.1	-	108	2	19.0	-	106	1	19.3	-	
SOCIAL SCIENCE COURSE PATTERN	N	Percent	ACT Reading	Course Value Added <sup>1</sup>	N	Percent	ACT Reading	Course Value Added <sup>1</sup>	N	Percent	ACT Reading	Course Value Added <sup>1</sup>	
US Hist, World Hist, Am Gov, & Other Hist	1,706	12	23.9	1.8	823	14	24.0	2.0	883	11	23.9	1.7	
Other comb of 4 or more years Social Science	5,439	39	23.7	1.6	2,401	39	23.9	1.9	3,038	39	23.5	1.3	
US Hist, World Hist, & Am Gov	1,424	10	23.1	1.0	636	10	23.1	1.1	788	10	23.1	0.9	
Other comb of 3 or 3.5 years of Social Science	3,034	22	23.5	1.4	1,232	20	23.4	1.4	1,802	23	23.6	1.4	
Less than 3 years of Social Science	2,122	15	22.1	-	894	15	22.0	-	1,228	16	22.2	-	
Zero years / no Social Science courses reported	204	1	18.7	-	106	2	18.2	-	98	1	19.2	-	
NATURAL SCIENCE COURSE PATTERN	N	Percent	ACT Science	Course Value Added <sup>1</sup>	N	Percent	ACT Science	Course Value Added <sup>1</sup>	N	Percent	ACT Science	Course Value Added <sup>1</sup>	
Gen Sci <sup>2</sup> , Bio, Chem, & Phys	6,716	48	23.7	4.7	3,234	53	24.6	5.4	3,482	44	22.9	4.0	
Bio, Chem, Phys	1,101	8	24.5	5.5	513	8	25.3	6.1	588	8	23.7	4.8	
Gen Sci <sup>2</sup> , Bio, Chem	3,575	26	21.3	2.3	1,227	20	21.6	2.4	2,348	30	21.1	2.2	
Other comb of 3 years of Natural Science	637	5	22.3	3.3	354	6	23.0	3.8	283	4	21.5	2.6	
Less than 3 years of Natural Science	1,687	12	19.0	-	655	11	19.2	-	1,032	13	18.9	-	
Zero years / no Natural Science courses reported	213	2	18.3	-	109	2	18.4	-	104	1	18.1	-	

<sup>1</sup>Course value added is defined as the average ACT score change compared to course sequences in which students took

less than four years of English or less than three years of Mathematics, Social Science or Natural Science.

<sup>2</sup>Includes General, Physical and Earth Sciences.

**Table 3.2. College Readiness Percents by Common Course Patterns**

Course Pattern	State				National			
	N	Percent Taking Pattern	Avg ACT English	Percent Meeting Benchmark	N	Percent Taking Pattern	Avg ACT English	Percent Meeting Benchmark
ENGLISH COURSE PATTERN								
Eng 9, Eng 10, Eng 11, Eng 12, & Other English	3,436	25	22.4	77	380,162	23	21.7	73
Eng 9, Eng 10, Eng 11, Eng 12	10,017	72	22.5	77	1,178,400	71	20.5	67
Less than 4 years of English	282	2	18.9	54	64,748	4	16.5	41
Zero years / no English courses reported	194	1	17.0	43	42,707	3	16.5	40
MATHEMATICS COURSE PATTERN	N	Percent Taking Pattern	Avg ACT Math	Percent Meeting Benchmark	N	Percent Taking Pattern	Avg ACT Math	Percent Meeting Benchmark
Alg 1, Alg 2, Geom, Trig, & Calc	1,372	10	25.4	83	108,668	7	24.0	69
Alg 1, Alg 2, Geom, Trig, & Other Adv Math	1,557	11	22.4	62	151,050	9	22.0	58
Alg 1, Alg 2, Geom, & Trig	713	5	20.3	40	115,739	7	19.6	34
Alg 1, Alg 2, Geom, & Other Adv Math	1,480	11	20.5	41	279,658	17	19.9	36
Other comb of 4 or more years of Math	6,407	46	25.2	78	585,086	35	23.6	66
Alg 1, Alg 2, & Geom	982	7	17.8	17	228,058	14	17.3	12
Other comb of 3 or 3.5 years of Math	655	5	22.1	55	82,509	5	19.9	35
Less than 3 years of Math	549	4	17.6	17	69,741	4	16.6	8
Zero years / no Math courses reported	214	2	19.1	36	45,508	3	18.2	22
SOCIAL SCIENCE COURSE PATTERN	N	Percent Taking Pattern	Avg ACT Reading	Percent Meeting Benchmark	N	Percent Taking Pattern	Avg ACT Reading	Percent Meeting Benchmark
US Hist, World Hist, Am Gov, & Other Hist	1,706	12	23.9	69	47,179	3	22.3	59
Other comb of 4 or more years Social Science	5,439	39	23.7	69	887,744	53	21.9	56
US Hist, World Hist, & Am Gov	1,424	10	23.1	63	84,563	5	20.2	44
Other comb of 3 or 3.5 years of Social Science	3,034	22	23.5	68	452,172	27	21.2	51
Less than 3 years of Social Science	2,122	15	22.1	56	149,266	9	19.7	40
Zero years / no Social Science courses reported	204	1	18.7	34	45,093	3	17.8	29
NATURAL SCIENCE COURSE PATTERN	N	Percent Taking Pattern	Avg ACT Science	Percent Meeting Benchmark	N	Percent Taking Pattern	Avg ACT Science	Percent Meeting Benchmark
Gen Sci <sup>1</sup> , Bio, Chem, & Phys	6,716	48	23.7	53	740,499	44	21.9	39
Bio, Chem, Phys	1,101	8	24.5	58	171,734	10	23.0	47
Gen Sci <sup>1</sup> , Bio, Chem	3,575	26	21.3	31	466,992	28	20.0	22
Other comb of 3 years of Natural Science	637	5	22.3	41	45,992	3	19.5	20
Less than 3 years of Natural Science	1,687	12	19.0	20	194,661	12	18.4	13
Zero years / no Natural Science courses reported	213	2	18.3	18	46,139	3	17.9	14

<sup>1</sup>Includes General, Physical and Earth Sciences.

# Section IV

# Career and Educational Aspirations

Tables within this section have been changed to reflect the updated United States Department of Education race/ethnicity reporting requirements. The race/ethnicity categories shown are the derived Federal reporting categories. Not all values convert from old race/ethnicity categories into new race/ethnicity categories. Therefore, trend data may not be present where direct conversions are not available.

Tables within this section have been changed to reflect the updated Educational Major categories implemented by ACT in the fall of 2010.

**Table 4.1. Distribution of Planned Educational Majors for All Students by College Plans**

Planned Educational Major <sup>1</sup>	All Students			Plan on 2 Years or Less of College			Plan on 4 Years or More of College		
	N <sup>2</sup>	Percent <sup>3</sup>	Avg ACT Comp	N	Percent <sup>3</sup>	Avg ACT Comp	N	Percent <sup>3</sup>	Avg ACT Comp
Agriculture & Natural Resources Conservation	123	1	21.4	8	3	17.8	102	1	21.9
Architecture	186	1	22.2	6	2	15.8	157	1	22.9
Area, Ethnic, & Multidisciplinary Studies	35	0	25.0	0	0	.	31	0	24.9
Arts: Visual & Performing	773	6	22.1	14	5	16.5	676	6	22.2
Business	1,503	11	22.0	39	15	16.0	1,315	11	22.2
Communications	375	3	22.3	3	1	14.7	333	3	22.4
Community, Family, & Personal Services	178	1	19.2	14	5	16.3	153	1	19.3
Computer Science & Mathematics	388	3	24.8	10	4	14.0	340	3	25.2
Education	659	5	21.0	11	4	15.6	606	5	21.2
Engineering	1,360	10	25.2	13	5	18.0	1,225	10	25.3
Engineering Technology & Drafting	146	1	21.6	9	3	16.0	123	1	22.2
English & Foreign Languages	227	2	25.0	3	1	22.3	201	2	25.0
Health Administration & Assisting	374	3	18.9	15	6	15.1	321	3	19.1
Health Sciences & Technologies	2,262	16	22.7	31	12	18.3	2,049	17	22.8
Philosophy, Religion, & Theology	68	0	22.4	1	0	21.0	63	1	22.6
Repair, Production, & Construction	44	0	18.0	12	5	17.2	27	0	19.3
Sciences: Biological & Physical	1,218	9	25.4	4	2	23.0	1,106	9	25.4
Social Sciences & Law	1,157	8	23.2	14	5	15.8	1,041	9	23.4
Undecided	2,553	18	23.2	51	20	15.8	1,992	17	23.6
No Response	300	2	18.5	3	1	16.0	75	1	22.0

<sup>1</sup>Refer to the section header on page 25 for a description of educational major changes.<sup>2</sup>2-Year and 4-Year "N" counts do not reflect "Missing" and "Other" college plans, therefore they may not add up to the N count for All Students.<sup>3</sup>Percent of students tested within College Plan groups (All Students, 2-Year, 4-Year).

**Table 4.2. Average ACT Composite Scores for Racial/Ethnic<sup>1</sup> Groups by Post-Secondary Educational Aspirations**

Educational Degree Aspirations	All Racial/Ethnic Groups Combined		Black/African American		American Indian/ Alaska Native		White		Hispanic/Latino	
	N	Average	N	Average	N	Average	N	Average	N	Average
Voc-Tech	74	17.0	1	13.0	3	13.3	27	17.6	16	15.0
2-yr College Degree	187	16.3	8	13.4	4	15.3	88	18.1	57	14.2
Bachelors Degree	5,758	21.4	245	16.6	36	18.6	3,626	22.6	770	17.9
Graduate Study	3,029	24.9	86	19.1	9	23.8	2,026	25.6	242	21.5
Prof. Level Degree	3,149	24.8	138	19.3	15	24.9	1,672	25.9	405	21.4
Other	150	18.9	8	14.5	2	16.0	57	20.4	38	16.7
No Response	1,582	22.1	65	16.8	6	16.5	809	23.6	209	16.1

Educational Degree Aspirations	All Racial/Ethnic Groups Combined		Asian		Native Hawaiian/ Other Pacific Islander		Two or more races		Prefer not to respond/ No Response	
	N	Average	N	Average	N	Average	N	Average	N	Average
Voc-Tech	74	17.0	12	17.7	3	13.7	5	17.0	7	21.6
2-yr College Degree	187	16.3	11	17.1	3	15.3	10	16.6	6	14.8
Bachelors Degree	5,758	21.4	420	21.2	49	18.1	366	21.4	246	22.3
Graduate Study	3,029	24.9	287	25.1	12	21.2	196	24.6	171	24.9
Prof. Level Degree	3,149	24.8	457	25.6	17	18.8	246	24.8	199	25.6
Other	150	18.9	19	17.8	3	14.7	6	23.0	17	21.2
No Response	1,582	22.1	206	22.7	14	18.4	93	22.7	180	23.8

<sup>1</sup>Refer to the section header on page 25 for a description of race/ethnicity changes.

Table 4.3. Students' Score Report Preferences at Time of Testing

Name	State	Number of Students			Percent of Students in College Readiness Standards Ranges						
		Total	1st Choice	2nd-6th Choice	01-12	13-15	16-19	20-23	24-27	28-32	33-36
UNIVERSITY OF WASHINGTON	Washington	2,855	1,368	1,487	1	5	15	25	29	21	4
WASHINGTON STATE UNIVERSITY	Washington	2,084	617	1,467	2	8	22	32	24	10	1
WESTERN WASHINGTON UNIVERSITY	Washington	1,452	366	1,086	1	6	20	31	28	13	1
CENTRAL WASHINGTON UNIVERSITY	Washington	1,032	322	710	3	13	28	33	17	6	0
EASTERN WASHINGTON UNIVERSITY	Washington	975	295	680	3	13	32	31	16	4	0
GONZAGA UNIVERSITY	Washington	624	166	458	0	3	14	29	33	18	1
BRIGHAM YOUNG UNIVERSITY	Utah	572	400	172	0	1	11	27	35	24	3
SEATTLE UNIVERSITY	Washington	561	94	467	3	6	21	30	24	15	1
BRIGHAM YOUNG UNIVERSITY-IDAHO	Idaho	550	189	361	0	2	15	32	30	18	3
SEATTLE PACIFIC UNIVERSITY	Washington	453	101	352	2	5	22	30	30	10	1
UNIVERSITY OF OREGON	Oregon	383	55	328	1	3	17	33	32	15	1
OREGON STATE UNIVERSITY	Oregon	329	44	285	0	3	16	36	29	14	1
STANFORD UNIVERSITY	California	329	102	227	0	1	5	13	26	36	19
WHITWORTH UNIVERSITY	Washington	305	72	233	1	6	17	27	30	19	1
UNIVERSITY OF PORTLAND	Oregon	285	49	236	1	2	8	25	36	27	2
PACIFIC LUTHERAN UNIVERSITY	Washington	269	65	204	3	6	23	31	23	14	0
UNIVERSITY OF IDAHO	Idaho	241	48	193	0	5	18	37	27	12	1
MONTANA STATE UNIVERSITY-BOZEMAN	Montana	213	70	143	0	0	14	31	36	16	3
NCAA ELIGIBILITY CENTER	Indiana	201	121	80	1	6	17	25	30	17	2
UNIVERSITY OF CALIFORNIA-BERKELEY	California	178	33	145	0	4	3	14	31	40	8
SANTA CLARA UNIVERSITY	California	177	37	140	0	3	4	13	42	33	5
UNIVERSITY OF WASHINGTON BOTHELL	Washington	176	34	142	3	13	28	32	18	5	0
BOISE STATE UNIVERSITY	Idaho	165	43	122	0	1	25	35	28	10	0
BRIGHAM YOUNG UNIVERSITY-HAWAII CAMPUS	Hawaii	163	21	142	0	2	9	36	34	16	3
UNIVERSITY OF WASHINGTON TACOMA	Washington	160	43	117	4	16	34	28	13	6	0
UNIVERSITY OF PUGET SOUND	Washington	159	24	135	3	4	15	30	27	21	0
EVERGREEN STATE COLLEGE THE	Washington	151	48	103	1	13	23	30	27	5	1
UNIVERSITY OF CALIFORNIA-LOS ANGELES	California	145	23	122	1	6	14	21	28	27	3
UNIVERSITY OF SOUTHERN CALIFORNIA	California	141	28	113	0	4	8	17	33	33	5
WHITMAN COLLEGE	Washington	140	25	115	0	3	4	19	33	34	7
All Other Institutions		8,172	2,207	5,965	2	6	15	24	27	21	5
Total		23,640	7,110	16,530	2	6	17	27	27	18	3

# Section V

# Optional Writing Test Results

Tables within this section have been changed to reflect the updated United States Department of Education race/ethnicity reporting requirements. The race/ethnicity categories shown are the derived Federal reporting categories. Not all values convert from old race/ethnicity categories into new race/ethnicity categories. Therefore, trend data may not be present where direct conversions are not available.

**Table 5.1. Average ACT English and Writing Scores by Race/Ethnicity<sup>1</sup> and Gender for students who took ACT Writing**

	N		English		Average ACT Scores		English/Writing Combined	
	State	National	State	National	State	National	State	National
<b>All Students</b>	<b>11,107</b>	<b>931,148</b>	<b>22.8</b>	<b>21.5</b>	<b>7.6</b>	<b>7.1</b>	<b>22.2</b>	<b>20.7</b>
Black/African American	449	113,247	16.6	16.6	6.7	6.2	16.8	16.4
American Indian/Alaska Native	61	5,233	19.6	17.8	6.7	6.5	19.0	17.5
White	6,351	518,974	24.3	23.2	7.7	7.2	23.4	22.1
Hispanic/Latino	1,411	150,249	17.8	18.5	7.0	6.8	18.0	18.3
Asian	1,308	53,381	22.8	23.7	7.7	7.6	22.3	22.8
Native Hawaiian/Other Pac. Isl.	80	2,851	17.1	19.9	7.0	7.1	17.5	19.6
Two or more races	775	32,346	23.1	21.9	7.6	7.1	22.4	21.1
Prefer not/No Response	672	54,867	24.2	21.8	7.7	7.1	23.3	21.0
Males	4,709	413,617	22.7	21.2	7.4	6.8	21.9	20.3
Females	6,398	515,745	22.9	21.7	7.7	7.2	22.4	21.1
Missing	0	1,786	.	16.8	.	6.3	.	16.6

<sup>1</sup>Refer to the section header on page 29 for a description of race/ethnicity changes.



